ELSEVIER

Neuroscience Letters 330 (2002) 307–310

Neuroscience Letters

www.elsevier.com/locate/neulet

Contents to Volume 330

Volume 330, no. 1

Guidelines for the submission of manuscripts v

Antioxidant properties of cabergoline: inhibition of brain auto-oxidation and superoxide anion production of microglial cells in rats
T. Yoshida, M. Tanaka, Y. Suzuki, M. Sohmiya, K. Okamoto (Japan) 1

Behavioral improvement and dopamine release in a Parkinsonian rat model
C. Gerin (USA) 5

Modulation of adenylyl cyclase activity by baclofen in the developing rat brain: difference between cortex, thalamus and hippocampus
L. Hejnová, I. Ihnatovych, J. Novotny, H. Kubová, P. Mareš, P. Svoboda (Czech Republic) 9

The supratrigeminal region of the rat sends GABA/glycine-cocontaining axon terminals to the motor trigeminal nucleus on the contralateral side
Y.-Q. Li, F.-S. Tao, K. Okamoto, S. Nomura, T. Kaneko, N. Mizuno (People's Republic of China, Japan) 13

Mutations in the rat myelin basic protein gene are associated with specific alterations in other myelin gene expression
J.-L. Carré, B.D. Goetz, L.T. O'Connor, Q. Bremer, I.D. Duncan (France, USA) 17

Effects of Ba-Wei-Die-Huang-Wan on the cholinergic function and protein expression of M_2 muscarinic receptor of the urinary bladder in diabetic rats
Y.-C. Tong, J.-T. Cheng, W.-C. Wan (Taiwan, ROC) 21

Sex differences in the citrus lemon essential oil-induced increase of hippocampal acetylcholine release in rats exposed to a persistent painful stimulation
I. Ceccarelli, F. Masi, P. Fiorenzani, A.M. Aloisi (Italy) 25

Differential coupling of N- and P/Q-type calcium channels to glutamate exocytosis in the rat cerebral cortex
C. Millán, J. Sánchez-Prieto (Spain) 29

Increased inhibition by agouti-related peptide of ventromedial hypothalamic neurons in rats overweight due to early postnatal overfeeding
Y. Li, A. Plagemann, H. Davidowa (Germany) 33

A water-soluble synthetic spicamycin derivative (San-Gly) decreases mechanical allodynia in a rodent model of neuropathic pain
L. DiLorenzo, L. Kobierski, K.A. Moore, D. Borsook (USA) 37

Transient up-regulation of elongation factor-2 kinase (Ca^{2+}/calmodulin-dependent protein kinase III) messenger RNA in developing mouse brain
H. Sakagami, H. Nishimura, R. Saito, H. Kondo (Japan) 41

Loss of medial septal modulation of dentate gyrus physiology in young mice overexpressing human β-amyloid precursor protein
M. Sánchez-Alavez, R.A. Gallegos, M.A. Kalafut, D. Games, S.J. Henriksen, J.R. Criado (USA) 45

1-Methyl-4-phenylpyridinium and 3-nitropropionic acid diminish cortical synthesis of kynurenic acid via interference with kynurenine aminotransferases in rats
P. Luchowski, E. Luchowska, W.A. Turski, E.M. Urbanska (Poland) 49

Angiotensin II influences the hyperpolarization-activated current I_h in neurones of the rat paraventricular nucleus
M. Egli, T. Berger, H. Imboden (Switzerland) 53

Cyclooxygenase-1 gene knockout does not alter middle cerebral artery occlusion in a mouse stroke model
R.T.F. Cheung, Z. Pei, Z.H. Feng, L.Y. Zou (Hong Kong) 57

Localization of choline acetyltransferase in the developing and adult retina of *Xenopus laevis*
J.M. López, N. Moreno, A. González (Spain) 61

Age-related upregulation of insulin-like growth factor receptor type I in rat cerebellum
Y.H. Chung, C.M. Shin, K.M. Joo, M.J. Kim, C.I. Cha (South Korea) 65

The neuroprotectant ebselen inhibits oxidative DNA damage induced by dopamine in the presence of copper ions
Y. Li, Z. Cao (USA) 69

Extracellular putrescine content after acute excitotoxic brain damage in the rat
M. Vivó, L. Camón, N. de Vera, E. Martínez (Spain) 74

Baroreceptor-related dysrhythmias in piglets with selective autonomic denervation of the heart
N. Zhao, P.M. Gootman, A.L. Sica (USA) 79
A clinical and neuropathological study of an unusual case of sporadic tauopathy. A variant of corticobasal degeneration?
S. Ohara, J. Tsuyuzaki, T. Oide, H. Arai, S. Higuchi, M. Hasegawa, T. Iwatsubo (Japan) 84
Induced expression of early response genes/oxidative injury in rat pheochromocytoma (PC12) cell line by 6-hydroxydopamine: implication for Parkinson's disease
K. Seth, A.K. Agrawal, M.H. Aziz, A. Ahmad, Y. Shukla, N. Mathur, P.K. Seth (India) 89
Lipid peroxidation by nitric oxide supplements after spinal cord injury: effect of antioxidants in rats
C. Santoscoy, C. Ríos, R.E. Franco-Bourland, E. Hong, G. Bravo, G. Rojas, G. Guízar-Sahagún (Mexico) 94
β-Amyloid deposition and neurofibrillary tangle association with caspase activation in Down syndrome
E. Head, I.T. Lott, D.H. Cribbs, C.W. Cotman, T.T. Rohn (USA) 99
Changes of calretinin, calbindin D28K and parvalbumin-immunoreactive neurons in the superficial layers of the hamster superior colliculus following monocular enucleation
Y.-S. Kang, W.-M. Park, J.-K. Lim, S.-Y. Kim, C.-J. Jeon (South Korea) 104
Na_x sodium channel is expressed in non-myelinating Schwann cells and alveolar type II cells in mice
E. Watanabe, T.Y. Hiyama, R. Kodama, M. Noda (Japan) 109
Immature-like astrocytes are associated with dentate granule cell migration in human temporal lobe epilepsy
A. Crespel, P. Coubes, M.-C. Rousset, G. Alonso, J. Bockaert, M. Baldy-Moulinier, M. Lerner-Natoli (France) 114
Clomipramine treatment in neonatal rats alters the brain acetylcholinesterase activity in adulthood
V. Mavanji, S. Datta (USA, India) 119
Nicotine suppresses 1-methyl-4-phenylpyridinium ion-induced hydroxyl radical generation in rat striatum
T. Obata, M. Aomine, T. Inada, H. Kinemuchi (Japan) 122

Corrigendum 125
Contents continued 126

Volume 330, no. 2

Inhibition of group I metabotropic glutamate receptor responses in vivo in rats by a new generation of carboxyphenylglycine-like amino acid antagonists
A.E. Kingston, K. Griffey, M.P. Johnson, M.-J. Chamberlain, G. Kelly, R. Tomlinson, R.A. Wright, B.G. Johnson, D.D. Schoepp, J.R. Harris, B.P. Clark, R.S. Baker, J.P. Tizzano (USA, UK) 127
Rat motoneuron cell death in development correlates with loss of *N*-methyl-D-aspartate receptors
N. Hori, Y. Tan, N.L. Strominger, D.O. Carpenter (USA) 131
Electroconvulsive shock increases the phosphorylation of amphiphysin II in the rat cerebellum
Y.J. Koo, S.-J. Kim, S.H. Jeon, S.R. Kim, U.G. Kang, J.-B. Park, Y.S. Kim (South Korea) 135
Differential effects of muscimol upon the firing frequency of large and small amplitude antidromic dorsal root action potentials in rat spinal cord in vitro
J. Bagust, W.D. Willis (UK, USA) 139
Non-linear dynamic complexity of the human EEG during meditation
L.I. Aftanas, S.A. Golocheikine (Russia) 143
Neuroprotective and antioxidant properties of FKBP-binding immunophilin ligands are independent on the FKBP12 pathway in human cells
K.-i. Tanaka, N. Fujita, Y. Higashi, N. Ogawa (Japan) 147
Tissue-specific association of the human tyrosine hydroxylase gene with the nuclear matrix
R. Lenartowski, A. Goc (Poland) 151
Low levels of brain-derived neurotrophic factor and tyrosine kinase receptor B are related to loss of dentate granule cells after prolonged low-protein feeding in the rat
R.M. Mesquita, P.A. Pereira, J.P. Andrade (Portugal) 155
Estrogen attenuates tumor necrosis factor-α expression to provide ischemic neuroprotection in female rats
S.-L. Liao, W.-Y. Chen, C.-J. Chen (Taiwan, ROC) 159
Restraint stress impaired maternal behavior in female mice lacking the neuromedin B receptor (NMB-R) gene
K. Yamada, Y. Santo-Yamada, K. Wada (Japan) 163
Paradoxical rise in brainstem PO_2 following umbilical cord occlusion in full-term rat fetuses
Y. Sakata, T. Fujioka, S. Inouye, H. Endoh, S. Nakamura (Japan) 167
Dopamine modulation of activity of cat sensorimotor cortex neurons during conditioned reflexes
V.M. Storozhuk, V.I. Khorevin, N.M. Rozumna, A.E.P. Villa, I.V. Tetko (Ukraine, Switzerland, Germany) 171
Brain derived neurotrophic factor does not act on adult human cerebral endothelial cells
K. Ruprecht, C. Stadelmann, V. Hummel, O. Klein, W. Brück, P. Rieckmann (Germany) 175
Unilateral trigeminal anaesthesia modifies postural control in human subjects
P. Gangloff, P.P. Perrin (France) 179

Apoptotic positive cells in Krabbe brain and induction of apoptosis in rat C6 glial cells by psychosine
M. Jatana, S. Giri, A.K. Singh (USA) 183
Pallidal activity recorded in patients with implanted electrodes predictively correlates with eventual performance in a timing task
P. Brown, D. Williams, T. Aziz, P. Mazzone, A. Oliviero, A. Insola, P. Tonali, V. Di Lazzaro (UK, Italy) 188
Enantioselective metabolism of the designer drugs 3,4-methylenedioxymethamphetamine ('ecstasy') and 3,4-methylenedioxyethylamphetamine ('eve') isomers in rat brain and blood
A. Meyer, A. Mayerhofer, K.-A. Kovar, W.J. Schmidt (Germany) 193
Association between the low molecular weight cytosolic acid phosphatase gene ACP1*A and comorbid features of Tourette syndrome
N. Bottini, J. MacMurray, M. Rostamkani, M. McGue, W.G. Iacono, D.E. Comings (USA) 198
The tau locus is not significantly associated with pathologically confirmed sporadic Parkinson's disease
R. de Silva, J. Hardy, J. Crook, N. Khan, E.A. Graham, C.M. Morris, N.W. Wood, A.J. Lees (UK, USA) 201
Effects of hippocampus-induced prefrontal long-term depression on gamma-band local field potential in anesthetized rats
Y. Izaki, M. Takita, M. Nomura, T. Akema (Japan) 204
Effect of chronic thyroxine treatment on catalepsy in rats
A.V. Kulikov, N.N. Barykina, M.A. Tikhonova, V.F. Chuguy, V.G. Kolpakov, N.K. Popova (Russia) 207
An association study of a functional catalase gene polymorphism, − 262C → T, and patients with Alzheimer's disease
A. Goulas, L. Fidani, A. Kotsis, V. Mirtsou, R.C. Petersen, E. Tangalos, J. Hardy (Greece, USA, UK) 210

Contents continued 213

Volume 330, no. 3

Developmental sequence in the acquisition of anticipation during a new co-ordination in a bimanual load-lifting task in children
C. Schmitz, C. Assaiante (France) 215
Mecamylamine decreases accumbal dopamine output in mice treated chronically with nicotine
H. Gäddnäs, T.P. Piepponen, L. Ahtee (Finland) 219
Capsaicin receptor immunoreactivity in the human trigeminal ganglion
M. Hou, R. Uddman, J. Tajti, M. Kanje, L. Edvinsson (Sweden, Hungary) 223
N-Methyl-D-aspartate improved social recognition potency in rats
Z. Hliňák, I. Krejčí (Czech Republic) 227
Enhancement of human cortico-motoneuronal excitability by the selective norepinephrine reuptake inhibitor reboxetine
C. Plewnia, J. Hoppe, C. Hiemke, M. Bartels, L.G. Cohen, C. Gerloff (Germany, USA) 231
Seizure induced dentate neurogenesis does not diminish with age in rats
W.P. Gray, K. May, L.E. Sundström (UK) 235
Transforming growth factor-β induced cell death in the developing chick retina is mediated via activation of c-jun N-terminal kinase and downregulation of the anti-apoptotic protein Bcl-X_L
N. Schuster, N. Dünker, K. Krieglstein (Germany) 239
Are ultra-slow isoperiodic oscillations in rat intergeniculate leaflet neurons dependent on reciprocal connection with its contralaterally located counterpart?
M.H. Lewandowski, T. Błasiak, A. Błasiak (Poland) 243
People with absolute pitch process tones with producing P300
H. Hirose, M. Kubota, I. Kimura, M. Ohsawa, M. Yumoto, Y. Sakakihara (Japan) 247
Ecstasy counteracts catalepsy in rats, an anti-parkinsonian effect?
W.J. Schmidt, A. Mayerhofer, A. Meyer, K.-A. Kovar (Germany) 251
Functional magnetic resonance imaging of the cortical response to photic stimulation in humans following optic neuritis recovery
A.T. Toosy, D.J. Werring, E.T. Bullmore, G.T. Plant, G.J. Barker, D.H. Miller, A.J. Thompson (UK) 255
Metabotropic glutamate receptor expression in the rat superior cervical ganglion
P.J. Kammermeier, S.R. Ikeda (USA) 260
Nitric oxide synthase expression in the transient ischemic rat retina: neuroprotection of betaxolol
E.W. Cheon, C.H. Park, S.S. Kang, G.J. Cho, J.M. Yoo, J.K. Song, W.S. Choi (South Korea) 265
The bacterial chaperonin GroEL requires GroES to reduce aggregation and cell death in a COS-7 cell model of Huntington's disease
J. Carmichael, C. Vacher, D.C. Rubinsztein (UK) 270
A novel monoclonal antibody recognizes lysosome-like structures and reflects regional and age-related differences in the rat dentate gyrus
S. Maeda, K. Kawabata, A. Takanaga, K. Tanaka, H. Ito, T. Hayakawa, M. Seki (Japan) 275
Rewarding effects of the optical isomers of 3,4-methylenedioxy-methylamphetamine ('Ecstasy') and 3,4-methylenedioxy-ethylamphetamine ('Eve') measured by conditioned place preference in rats
A. Meyer, A. Mayerhofer, K.-A. Kovar, W.J. Schmidt (Germany) 280

Age-related alterations in responses of the nucleus basalis magnocellularis neurons to frontal cortex stimulation in rats
Y.-Q. Zhang, S.-G. Lü, Y.-P. Ji, G.-X. Wang, Z.-Q. Zhao, J. Mei (China) 285
No association between a transcription factor Activating Protein 2β (AP-2β) gene variant and schizophrenia
E.G. Jönsson, M. Damberg, K. Forslund, M. Mattila-Evenden, G. Rylander, M. Åsberg, L. Oreland, G.C. Sedvall (Sweden) 290
Frequencies of the G-protein β3 subunit C825T polymorphism and the δ 32 mutation of the chemokine receptor-5 in patients with multiple sclerosis
C.G. Haase, S. Schmidt, P.M. Faustmann (Germany) 293
Apolipoprotein E (*APOE*), *PARKIN* and catechol-*O*-methyltransferase (*COMT*) genes and susceptibility to sporadic Parkinson's disease in Finland
J. Eerola, J. Launes, O. Hellström, P.J. Tienari (Finland) 296
Circulating gp120 alters the blood–brain barrier permeability in HIV-1 gp120 transgenic mice
C. Cioni, P. Annunziata (Italy) 299

Author Index to Volume 330 302
Contents to Volume 330 308
Contents continued 311